

CLAIM

What I claim as my invention is:

1. A conduit length measuring mechanical electronic tool that is a combination of a sheave, magnetic switch, counter, and foot meter used to measure conduit lengths for the purpose of calculating cable, conductor, and data fiber lengths, with the use of a jet-line or string.
2. A device according to Claim 1 is a sheave constructed to be of a certain diameter shape, size and weight that produces the most accurate results using a jet-line or string, the dimensions and weight of this sheave are important, as it keeps the jet-line from tangling, dragging, or overlapping at any rate of speed, on this sheave is a permanent magnet set in a precise spot that works with the magnetic switch to insure the correct count in footage.
3. A device according to Claim 1 is the magnetic switch, with the use of a permanent magnet on the sheave and this magnetic switch that is attached at a precise location on the sheave frame, the magnetic switch counts the rotations of the sheave, sending it to the counter, the counter totals each count and displays it on the foot meter.
4. A device according to Claim 1 is a four decade counter high speed IC chip, on the input from the magnetic switch it counts and sends the correct digit number to the foot meter.
5. A device according to Claim 1 is seven segment, four digit LED foot meter, the foot meter gives the final reading in a digit display of the footage counted.